

AMENDMENTSIn the claims

Please cancel claims 3, 18, 19 and 20, without prejudice.

Please amend claim 1 as follows:

Claim 1 (Twice Amended). A modified enzyme which comprises a catalytically active amino acid sequence derived from a cellulolytic enzyme EGI exhibiting the following properties:

- (a) derived from *Humicola insolens* or *Trichoderma reesei*,
- (b) approximate molecular weight of about 50 kDa,
- (c) iso-electric point of 5.5, and
- (d) containing 415 amino acid;

linked to an amino acid sequence comprising a cellulose binding domain;

wherein said modified enzyme comprises a linking region between said catalytically active amino acid sequence of a cellulolytic enzyme EGI and said amino acid sequence comprising a cellulose binding domain;

further wherein said linking region is an amino acid linking region or non-amino acid linking region; and

further wherein said linking region is selected from the group consisting of: *Humicola insolens* family 45 cellulase linker, Nifa gene of *Klebsiella pneumoniae*-CiP linker, E3 cellulase *Thermomonospora fusca* linker, CenA cellulase linker, nucleophilic polyethylene glycol derivative linker, carboxyl polyethylene glycol derivative linker, electrophilically activated polyethylene glycol derivative linker, sulfhydryl-selective polyethylene glycol derivative linker, hertofunctional polyethylene glycol derivative linker, biotin polyethylene glycol derivative linker, vinyl polyethylene glycol derivative linker, polyethylene glycol silane derivative linker, polyethylene glycol phospholipid derivative linker and mixtures thereof.

1751

**The Procter and Gamble Company – Intellectual Property Division**

10/C  
11-5-02  
OFFICIAL  
FAX RECEIVED  
NOV 1 2002  
GROUP 1700

**FACSIMILE TRANSMITTAL SHEET AND  
CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8**

**TO: Examiner Preeti Kumar - United States Patent and Trademark Office**

Fax No. (703) 872-9311

Phone No. (703) 305-0178

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on 01 November 2002, to the above-identified facsimile number.

C. Brant Cook (Signature)

**FROM: C. Brant Cook, of The Procter and Gamble Company**

Fax No. (513) 634-6108

Phone No. (513) 634-9315

Listed below are the item(s) being submitted with  
this Certificate of Transmission:

- 1) Amendment After Final
- 2)
- 3)
- 4)
- 5)

Number of Pages Including this Page:

6

Inventor(s): Busch, et al.

S.N.: 09/674,479

Filed: 01 Nov 2000

Case: CM1758

Comments:

**IMPORTANT CONFIDENTIALITY NOTICE**

The documents accompanying this telecopy transmission contain confidential information belonging to the sender which is legally protected. The information is intended only for the use of the individual or entity named below. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this telecopied information is strictly prohibited. If you have received this telecopy in error, please immediately notify us by telephone (collect) to arrange for return of the telecopied document to us.